ASUS RS700D-E6/PS8 (90S-S56001CEZ)

RS700D-E6/PS8 - 2 x Socket 1366, Intel 5500 IOH + Intel ICH10R, 12 x DDR3 1066/1333 Reg DIMM/ Unbuffered DIMM with ECC max. 96GB (RDIMM)/48GB (UDIMM), 1 x PCI-E 2.0 x16 slot(x16 link), 4 x SATA2 300MB/s, 2 x Intel 82574L + 1 x Mgmt LAN, Aspeed AST2050 8MB VGA, 770W PSU, 1U

Price details:
Price excl. VAT: 1,510.06 €
Eco fees: 0.00 €
VAT 21 %: 317.11 €

Product details:
Product code: 90S-S56001CEZ
EAN: 4719543691342
Manufacturer: ASUS

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1,827.17 €

* VAT included

Genuine Duo Nodes with Independent Power Supply in 1U Server

True Duo Nodes in 1U with Two Independent Power Supply
RS700D-E6/PS8 is designed with dual DP system in 1U chassis for high dense computing, with each as an independent computing node. Different from other solution in the market, the RS700D-E6/PS8 has two independent power supplys for high availability and individual system maintenance, even if one power supply fails, the system still keeps running.

Extreme System Power Efficiency
With current trends leaning towards power efficiency, the RS700D-E6/PS8 is equipped with the ASUS exclusive EPU technology, which intelligently calibrates the best possible settings to ensure the best power management. The two 80+ PSU further saves power and reduce heat dissipation.

Top-notch Storage Bay Design
The RS700D-E6/PS8 supports 4-bay 2.5'' HDDs per node and 8 HDDs in 1U chassis in total, which delivers mass storage capacity and integrated RAID functions for customers. With optional PIKE riser kit, the server is able to provide more flexible RAID choices for reliable data protection.

High Quality Components for Great System Reliability
The ASUS 6-Phase CPU power and 3-Phase memory power design provides support to 95W CPU, reduces input ripple current and output ripple voltage, which keeps CPUs and power modules from suffering the risk of high power stress.

RS700D-E6/PS8 utilizes all Japan-made 5000hr ultra long life conductive polymer capacitors, which can sustain 57 years at 65?.

Designed for Virtualization
Virtualization provides central management, reduces power consumption, cost for cooling and management effort for users. The RS700D-E6/PS8 is able to provide excellent virtualization applications with VMWare certification. The onboard vertical USB connector is designed for integrated hyperviser for easy deployment, allowing the full use of system resources and reducing TCO and IT expenses.

Together with high capacity native DDR3 memory support, separate power supplys for two nodes and latest technologies, the RS700D-E6/PS8 is well-equipped to deliver top-notch solutions for HPC applications.

Main specifications:

Processor
Motherboard chipset: Intel 5500

Processor socket:	Socket B (LGA 1366)
Processor family:	Intel

Memory
Number of DIMM slots:	12
ECC:	Y

Storage
Number of storage drives supported:	4
Controller interface type:	Intel ICH10R
RAID levels:	0,1

Networking
LAN controller:	Intel 82574L

Ports & interfaces
USB 2.0 ports quantity:	3
Ethernet LAN (RJ-45) ports:	3
PS/2 ports quantity:	2
Serial ports quantity:	1
VGA (D-Sub) ports quantity:	1

Expansion slots
PCI Express x16 slots:	1

Graphics
Maximum graphics adapter memory:	8 MB

Design
Form factor:	1U

Performance
Compatible operating systems:	- Windows Server 2008 Enterprise 32/64-bit,- Windows Server 2003 Enterprise R2 SP2 32/64-bit,- RedHat Enterprise Linux AS5.0 (32/64 bit),- SuSE Linux Enterprise Server 10 (32/64 bit)

Power
Power supply:	770 W

Operational conditions
Operating temperature (T-T):	10 - 35 °C
Storage temperature (T-T):	-40 - 70 °C
Operating relative humidity (H-H):	20 - 90 %

Weight & dimensions
Width:	686 mm
Depth:	444 mm
Height:	43.4 mm
Weight:	16500 g

Packaging content
Bundled software:	ASWM2.0